

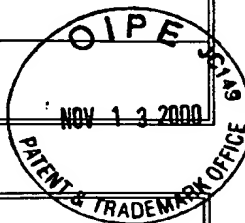
Atty. Docket No.
19036/36615Serial No.
09/600,932Applicant
WakamiyaFiling Date
Sep. 8, 2000Group
1645

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

SHEET 1 of 3

NOV 15 2000



U.S. PATENT DOCUMENTS

*Examiner Initials		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
Rm ✓	A1	5,270,199	12/14/93	Ezekowitz	435	240.2	

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*Examiner Initials		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
Rm ✓	B1	WO 8901519	02/23/89	PCT				
✓	B2	Japanese Patent Publication No. 2-504581 (Based on WO 8901519)		JP			X (abstract only)	
			Information Incomplete Not Considered					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Rm ✓	C1	Epstein, et. al., "The collectins in innate immunity," <i>Current Opinion in Immunology</i> , 8:29-35 (1996).
Rm ✓	C2	Ezekowitz, R. A. B. et al., "A Human Mannose-binding Protein is an Acute-phase Reactant that Shares Sequence Homology with Other Vertebrate Lectins," <i>J. Exp. Med.</i> , 167:1034-1046 (March, 1988).
Rm ✓	C3	Ezekowitz, R. A. B. et al., "Mannose-binding protein and susceptibility to chronic hepatitis B infection," <i>The Lancet</i> , 348: 1396-1397 (November, 1996).

~~Abstract of WO 8901519 (for JP 250 4581/02/23/89)~~

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9/21/02

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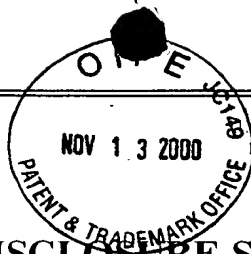
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SHEET 3 of 3

Form PTO-1449 (Modified)

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
19036/36Serial No.
1600,932Applicant
WakamiyaFiling Date
Sep. 8, 2000Group
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Rm ✓	C15	Sastry, K. et al., "The Human Mannose-binding Protein Gene: Exon Structure Reveals its Evolutionary Relationship to a Human Pulmonary Surfactant Gene and Localization to Chromosome 10," <i>J. Exp. Med.</i> , 170:1175-1189 (October, 1989).
Rm ✓	C16	Sumiya, et. al., "Molecular basis of opsonic defect in immunodeficient children," <i>Lancet</i> , 337: 1569-1570 (June, 1991).
Rm ✓	C17	Sumiya, et. al., "Mannose-binding protein, genetic variants and the risk of infection," <i>Q. J. Med.</i> , 89: 723-726 (1996).
Rm ✓	C18	Super, et. al., "Association of Low Levels of Mannan-binding Protein with a Common Defect of Opsonisation," <i>Lancet</i> , 2: 1236-1239 (November, 1989).
Rm ✓	C19	Suzuki et al., "Cloning and Sequencing of a cDNA Coding for Bovine Conglutinin," <i>Biochem Biophys Res Commun</i> , 191/2, 335-342 (1993).
Rm ✓	C20	Suzuki, et al., "Characterization of Recombinant Bovine Conglutinin Expressed in a Mammalian Cell," <i>Biochem. Biophys. Res. Commun.</i> , 238: 856-863 (1997).
Rm ✓	C21	Taylor, M. E. et al., "Structure and evolutionary origin of the gene encoding a human serum mannose-binding protein," <i>Biochem J.</i> , 262: 763-771 (1989).
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C88 Ab only	C23	Uemura, K. et al., "Correlation between Structure and Function of Calcium Dependence Animal Lectin on Host Defense," <i>Jikken-Igaku</i> , 13(18): (1995). (Japanese with English abstract translation) <i>Only Abstract Considered</i>
Rm ✓	C24	Wakamiya, N. et. al., "The Mannose Binding Protein and Conglutinin in Bovine Serum Have a Antiviral Activity Against Influenza Virus," <i>Glycoconjugate Journal</i> , 8: 235 (1991).
Rm ✓	C25	Wakamiya, N. et. al., "Isolation and Characterization of Conglutinin as an Influenza A Virus Inhibitor," <i>Biochem. Biophys. Res. Comm.</i> , 187: 1270-1278 (September, 1992).
C88 Ab only	C26	Wakamiya, N. et. al., "Anti-Viral activity by Collectin," <i>Rinsho-Meneki</i> , 29(4): 508-513 (1997). (Japanese with English abstract translation) <i>Only Abs tract Considered</i>

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MITRA
Chris Mitra

DATE CONSIDERED

23 June 2003

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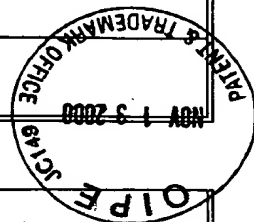
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		Applicant Wakamiya	
		Filing Date Sep. 8, 2000	Group 1645

INFORMATION DISCLOSURE STATEMENT

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<i>Rh</i> ✓	C5	Garred, et al., "Susceptibility to HIV infection and progression of AIDS in relation to variant alleles of mannose-binding lectin," <i>The Lancet</i> , 349:236-240 (January, 1997).
<i>Rh</i> ✓	C6	Kawai, T. et al., "Cloning and characterization of a cDNA encoding bovine mannan-binding protein," <i>Gene</i> , 186(2):161-165 (February, 1997).
<i>Rh</i> ✓	C7	Kurata, H., "Structure and Function of Mannan-Binding Proteins Isolated from Human Liver and Serum," <i>J. Biochem.</i> , 115(6):1148-1154 (1994).
<i>Rh</i> ✓	C8	Lim, B. L. et al., "Primary Structure of Bovine Collectin-43 (CL-43). Comparison with conglutinin and lung surfactant protein-D," <i>J. Biol. Chem.</i> , 269(16):11820-11824 (April, 1994).
<i>Rm</i> ✓	C9	Lipscombe, R. J. et al., "Mutations in the Human Mannose-Binding Gene: Frequencies in several population groups," <i>European Journal of Human Genetics</i> , 4(1): 13-19 (1996).
<i>Rh</i> ✓	C10	Lu, et al., "Purification, characterization and cDNA cloning of human lung surfactant protein D," <i>Biochem. J.</i> , 284: 795-802 (1992).
<i>Rm</i> ✓	C11	Malhortra et al., "Interaction of C1q receptor with lung surfactant protein A*," <i>Eur. J. Immun.</i> , 22: 1437-1445 (1992).
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<i>C. S. S. K.</i> Abstract only	C13	Matsuda, M. et al., "Involvement of Mannan Binding Protein with crisis and progression of IgA nephrosis," <i>Journal of Nephrology Association of Japan</i> , 39(3): 235 (1997). (Japanese with English abstract translation) Only Abs tract considered
<i>Rh</i> ✓	C14	Nepomuceno, R. R. et al., "cDNA Cloning and Primary Structure Analysis of ClqR _p , the Human C1q/MBL/SPA Receptor That Mediates Enhanced Phagocytosis In Vitro," <i>Immunity</i> , 6(2):119-129 (February, 1997).

EXAMINER RITA MITRA <i>Chakraborty</i>	DATE CONSIDERED 9/21/02 <i>23 Jan 02</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to applicant.	

Form PTO-1449 (Modified)

U.S. Department of Commerce
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Atty. Docket No.

19036/36615

Serial No.

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Applicant

N. Wakamiya

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U.S. PATENT DOCUMENTS

*Examiner Initials	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Document Number	Publication Date	Country	Class	Subclass	Translation	
						Yes	No
	WO 98/55614	12/10/98	PCT				

* 584 document not present.

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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